

TECHNOLOGY ADMINISTRATION

Office of the Secretary / Office of Technology Policy

Led by the Under Secretary for Technology, the Technology Administration (TA) is the focal point for civilian technology and competitiveness issues within the Administration. TA is the primary agency within the Federal government that works in partnership with the private sector to improve U.S. industrial competitiveness and to exercise leadership as the private sector's advocate.

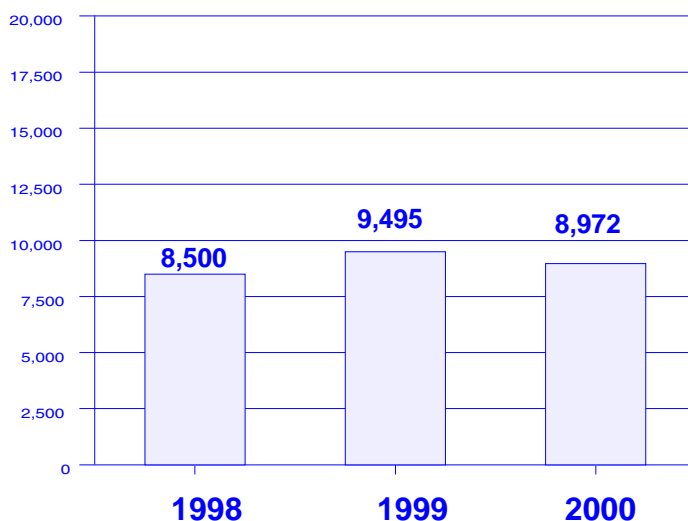
The Under Secretary for Technology oversees three agencies: the Office of Technology Policy (OTP), the National Institute of Standards and Technology, and the National Technical Information Service, as well as the Office of Air and Space Commercialization within the Office of the Under Secretary.

The Under Secretary and the Office of Technology Policy are responsible for coordinating a National technology policy. The Under Secretary serves on the Executive Committee of the Committee on Technology within the President's National Science and Technology Council, which helps establish priorities for research and development in the areas of materials, construction and building, manufacturing infrastructure, electronics and automotive technologies. The Under Secretary also chairs the high-level coordinating committee overseeing the Partnership for a New Generation of Vehicles Initiative (PNGV), a unique 10-year partnership between the Federal government and the Nation's automakers.

OTP works to promote technology development and commercialization by serving as the Federal government's primary advocate and analyst for innovation and industrial competitiveness. OTP administers the National Medal of Technology, a Presidential award program that celebrates America's spirit of innovation and recognizes excellence in technological innovation and commercialization.

US/OTP Funding

(Dollars in Thousands)



OTP will also continue its Partnership for a Competitive Economy (PACE) initiative. Working with state and local government, business and academia, OTP conducts conferences around the country to maintain a dialogue on how the Federal government can help companies compete in the global economy.

The activities under this account support theme 2 of the Commerce Strategic Plan: Keep America competitive with cutting-edge science and technology and a world-class information base.

A brief listing of goals, performance measures and targets for US/OTP, NTIS and NIST appears on the following page. A more detailed presentation of goals, objectives, and performance measures is found in the Department's Annual Performance Plan and TA's budget justification.

Measures and Targets Summary

<u>Goal</u>	<u>Measure</u>	<u>Target</u>
Assure and improve measurements and standards	Standard reference materials available	1,330
	Standard reference data titles available	64
	Number of items calibrated	3,250
	Technical publications	2,150
Stimulate advanced technologies	Cumulative number of technologies under commercialization	180
	Cumulative number of patents filed	900
	Cumulative number of publications	690
Assist small manufacturers	Increased sales attributed to MEP assistance	\$520m
	Labor & material savings attributed to MEP assistance	\$59m
	Capital investment attributed to MEP assistance	\$379m
	Inventory savings attributed to MEP assistance	\$75m
Promote performance and quality management	Number of applications per year to MBNQA and Baldrige - based state quality awards	1,395
Analyze and develop technology policies	Reports published annually	5
Collect and disseminate information	Number of items in archive	\$3.0m
	Documents reproduced from electronic media	\$0.29m

SUMMARY OF APPROPRIATIONS

(Dollars in Thousands)

Funding Levels

Appropriation	1998	1999	2000 Estimate	Increase (Decrease)
Salaries and Expenses	\$8,500	\$9,495	\$8,972	(523)
PERMANENT POSITIONS				
Salaries and Expenses	50	52	52	0
Reimbursable	1	1	1	0
Total	51	53	53	0

HIGHLIGHTS OF BUDGET CHANGES

APPROPRIATION: Operations and Administration

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			52	\$9,495
Adjustments to Base				
<u>Other Changes</u>				
1999 Pay raise		\$37		
2000 Pay raise		131		
Payment to the Working Capital Fund		9		
Civil Service Retirement System(CSRS)		(10)		
Federal Employees' Retirement System(FERS)		13		
Thrift Savings Plan		2		
Federal Insurance Contributions Act (FICA) -OASDI		13		
Health insurance		3		
Employees' Compensation Fund		(40)		
Travel		4		
Rent payments to GSA		13		
Communications, utilities & misc.		3		
Printing and reproduction		7		
Other services:				
Working Capital Fund		84		
Other services		12		
General Pricing Level Adjustment		3		
Subtotal, other cost changes			0	284
Less Amount Absorbed			0	(105)
TOTAL, ADJUSTMENTS TO BASE			0	179
2000 Base			52	9,674
Program Changes			0	(702)
2000 APPROPRIATION			52	8,972

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
DIRECT OBLIGATIONS								
Under Secretary / Office of Technology Policy	52	\$11,133	52	\$9,674	52	\$8,972	0	(\$ 702)
TOTAL DIRECT OBLIGATIONS	52	11,133	52	9,674	52	8,972	0	(702)
REIMBURSABLE OBLIGATIONS	1	575	1	575	1	575	0	0
TOTAL OBLIGATIONS	53	11,708	53	10,249	53	9,547	0	(702)
FINANCING								
Unobligated balance, start of year		(1,638)						
Offsetting collections from:								
Federal funds	(1)	(575)			(1)	(575)		
Non-Federal sources								
Subtotal, financing	(1)	(2,213)			(1)	(575)		
TOTAL BUDGET AUTHORITY	52	9,495			52	8,972		

Highlights of Program Changes

	Base		Increase / Decrease	
	Permanent Positions	Amount	Permanent Positions	Amount
<u>Office of the Under Secretary /</u>				
Office of Technology Policy	52	\$9,674	0	-\$702

A decrease (-0 pos.; -\$1,702) is included for the Experimental Program to Stimulate Competitive Technology (EPSCoT) initiative, which is designed to foster development of indigenous technology assets in states and regions traditionally under represented in Federal R&D funding in order to foster technology-based regional economic growth. In FY 2000, we will conduct a full-scale program evaluation assessing the management, direction, and effectiveness of the program in meeting its stated objectives, as well as conducting a current needs assessment. By FY 2000, EPSCoT will have conducted two grant competitions and most of the projects funded under the first grant competition will be complete or nearing completion. No grants will be made in FY 2000.

An increase (+0 pos.; +\$1,000) is included for US/OTP to support current service levels and expand efforts in several key areas. US/OTP will build on its successful efforts to help the nation meet the rapidly growing demand for information technology workers. US/OTP will work closely with industry, state and local governments, and educational institutions at all levels to develop innovative strategies and programs to educate and train American workers for these high quality, high wage jobs. In FY 2000, US/OTP will build on existing PNGV programs within the Technology Administration to help the automotive supplier base and states whose economies are linked closely to the automotive sector prepare for the rapid development and deployment of new automotive technologies and the expected introduction of new and reformulated fuels so that they might seize the opportunities that will emerge.

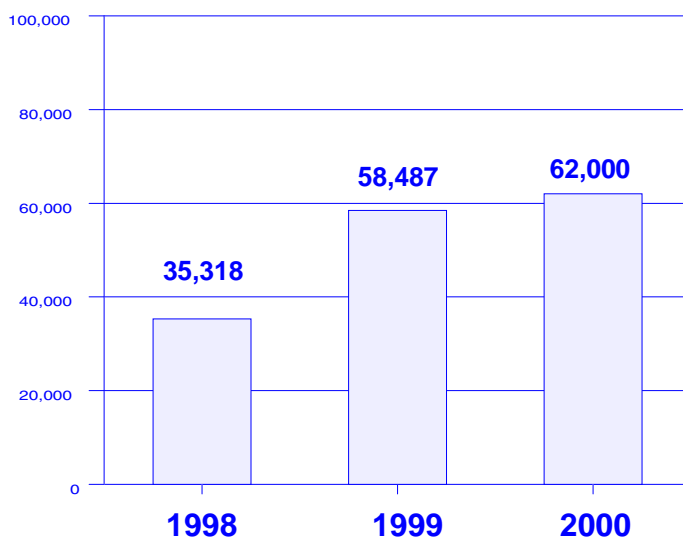
National Technical Information Service

The National Technical Information Service (NTIS), a component of the Technology Administration, operates this revolving fund for the payment of all expenses incurred in collecting, preserving, and disseminating scientific, technical, engineering and other business-related information from Federal and international sources and disseminating it to the American business and industrial research community. In 2000, the Administration intends to submit legislation clarifying NTIS' mission while providing it with greater flexibility.

The activities under this account support the Science, Technology and Information strategic theme of the Commerce Strategic Plan. The first objective is to play a leadership role in assisting Federal agencies with dissemination of their scientific, technical and business information. The second objective is to provide the services and infrastructure to organize scientific, technical, and business-related information and deliver it to NTIS customers effectively.

NTIS Funding

(Total Obligation Dollars in Thousands)



SUMMARY OF APPROPRIATIONS

(Dollars in Thousands)

Funding Levels

Appropriation	1998	1999	2000 Estimate	Increase (Decrease)
NTIS Revolving Fund	\$0	\$0	\$2,000	2,000
Total Appropriation	0	0	2,000	2,000
Transfer of Y2K Funds (105-277) into				
NTIS Revolving Fund	0	1,000	0	(1,000)
Total Budget Authority	0	1,000	2,000	1,000

PERMANENT POSITIONS

NTIS Revolving Fund (Direct)	0	0	[25]	[25]
Reimbursable	456	456	432	(24)
Total	456	456	432	(24)

HIGHLIGHTS OF BUDGET CHANGES

APPROPRIATION: Revolving Fund

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted				
Transfer of Y2K funds Pursuant to P.L. 105-277			0	\$1,000
Adjustments to Base				
Adjustments				
Non-recurring items			0	(1,000)
Less Amount Absorbed			0	0
TOTAL, ADJUSTMENTS TO BASE			0	(1,000)
2000 Base			0	0
Program Changes			[25]	2,000
2000 APPROPRIATION			[25]	2,000

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
National Technical Information Service	0	\$1,000	0	\$0	[25]	\$2,000	0	\$2,000
TOTAL DIRECT OBLIGATIONS	0	\$1,000	0	\$0	[25]	\$2,000	0	\$2,000
REIMBURSABLE OBLIGATIONS	456	\$57,487	456	\$57,487	432	\$60,000	0	\$2,513
TOTAL OBLIGATIONS	456	58,487	456	57,487	432	62,000	0	4,513
FINANCING								
Unobligated balance, start of year		(2,987)						
Offsetting collections from:								
Federal funds		(23,980)				(29,000)		
Non-Federal sources		(30,520)				(31,000)		
Subtotal, financing	(456)	(57,487)			(432)	(60,000)		
TOTAL BUDGET AUTHORITY	0	1,000			0	2,000		

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	Permanent <u>Positions</u>	<u>Amount</u>	Permanent <u>Positions</u>	<u>Amount</u>
<u>National Technical Information Service</u>	0	\$0	[25]	+\$2,000

This appropriation partially funds the costs associated with the organization and preservation of technical information. In 2000, the Administration also intends to submit legislation clarifying NTIS' mission while providing it with greater flexibility.

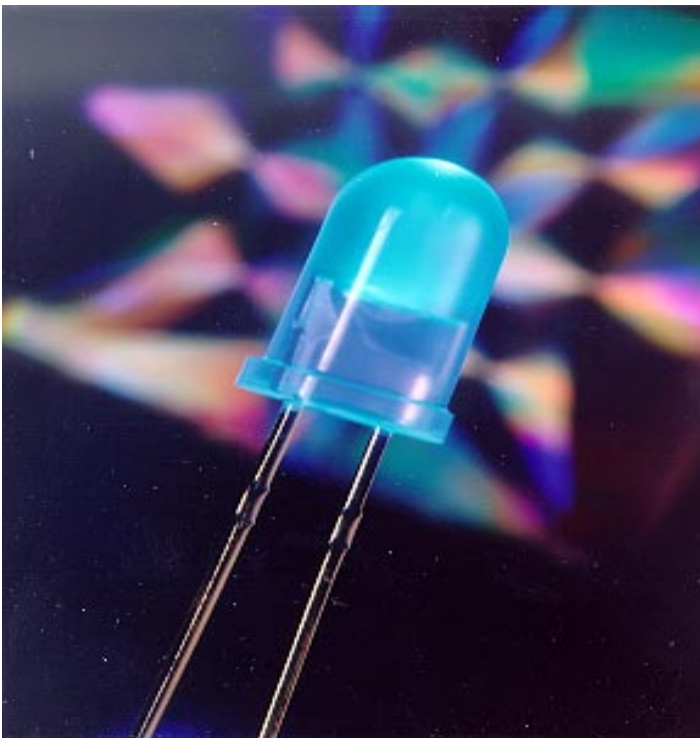
National Institute of Standards and Technology

The National Institute of Standards and Technology (NIST) is responsible for the measurement foundation which supports U.S. industry, government and scientific establishments. NIST promotes U.S. economic growth by working with industry to develop and apply technology, measurements, and standards. NIST carries out this mission through four major programs.

The **Measurement and Standards Laboratory (MSL)** research program focuses on providing the standards, verified data, and test methods required for new technologies and competing in the global economy. The world-class scientific and technical staff works closely with private industry, academic researchers, and other government agencies.

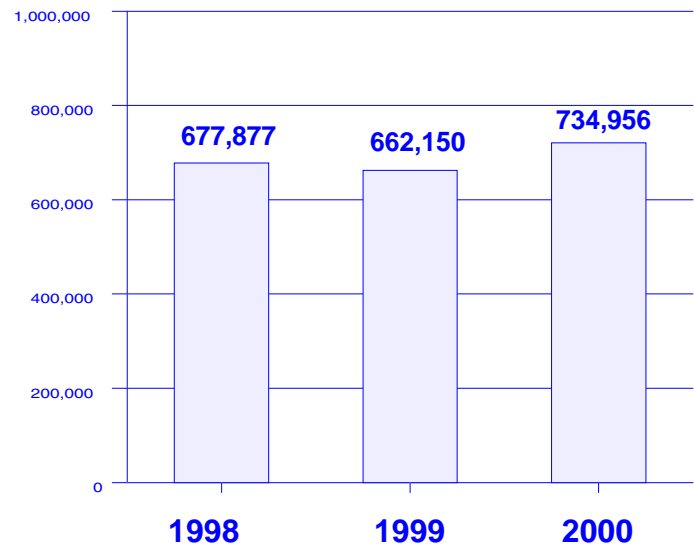
The **Advanced Technology Program (ATP)** makes cost-shared awards to accelerate commercialization of broad-based, high risk technologies with significant commercial potential.

The **Manufacturing Extension Partnership (MEP) Program** assists small- and medium-sized companies in assimilating new technologies and manufacturing practices through government-industry partnerships and extension services.



NIST Funding

(Total Obligation Dollars in Thousands)



The **Baldrige National Quality Program (BNQP)** is a highly visible quality management program, focused on instilling the principles of continuous quality improvement in American businesses.

In addition, NIST has initiated a long-term program to upgrade its physical plant. Significant and sustained investment in existing facilities, which are 35 to 45 years old, is required to meet the demanding physical and environmental parameters of NIST research in the 21st century. The FY 2000 budget includes funding to initiate construction of an Advanced Metrology Laboratory and address priority repairs and safety problems.

NIST supports two of Commerce's Strategic Themes. NIST's goals under the Economic Infrastructure theme include: 1) assisting small manufacturers (MEP); and 2) promoting performance and quality management (BNQP). NIST's goals under Science/Technology/Information include: 1) assuring and improving measurements and standards (MSL); and 2) stimulating advanced technologies (ATP).

A more detailed presentation of goals, objectives, and performance measures is found in the Department's Annual Performance Plan and NIST's budget justification.

SUMMARY OF APPROPRIATIONS

(Dollars in Thousands)

Funding Levels

Appropriation	<u>1998</u>	<u>1999</u>	2000 <u>Estimate</u>	Increase (Decrease)
Scientific and Technical Research and Services	\$276,852	\$280,136	\$289,622	9,486
Industrial Technology Services	306,000	304,300	338,536	34,236
Construction of Research Facilities	95,000	56,714	106,798	50,084
Total Appropriation	677,852	641,150	734,956	93,806
Transfer of Y2K Funds (P.L. 105-277)		21,000		(21,000)
Transfer from Executive Office of the President (P.L. 105-61)	25	0	0	0
Less Working Capital Fund	[250]	[398]	[282]	0
TOTAL BUDGET AUTHORITY	677,877	662,150	734,956	72,806

PERMANENT POSITIONS

Scientific and Technical Research and Services	2,041	2,062	2,011	(51)
Industrial Technology Services	377	377	379	2
Construction of Research Facilities	32	32	32	0
Reimbursable	712	691	691	0
Total	3,162	3,162	3,113	(49)

HIGHLIGHTS OF BUDGET CHANGES

APPROPRIATION: Scientific and Technical Research and Services

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			2,062	\$280,136
Adjustments to Base				
<u>Adjustments</u>				
Restoration of FY 1999 Deobligation Offset				1,000
<u>Other Changes</u>				
1999 Pay raise		\$1,360		
2000 Pay raise		5,207		
Payment to the Working Capital Fund		48		
Within-grade step increases		1,542		
Civil Service Retirement System(CSRS)		(335)		
Federal Employees' Retirement System(FERS)		421		
Thrift Savings Plan		79		
Federal Insurance Contributions Act (FICA) -OASDI		240		
Health insurance		315		
Employees' Compensation Fund		19		
Travel		96		
Rent payments to GSA		2		
Postage		26		
Federal Telecommunications System		12		
Printing and reproduction		34		
Other services:				
Working Capital Fund		2,095		
Commerce Administrative Management System (CAMS)		2,277		
Other services		362		
NARA Storage and Maintenance		30		
General Pricing Level Adjustment		586		
Reactor Fuel		27		
Subtotal, other cost changes			0	14,443
Less Amount Absorbed			(30)	(4,620)
TOTAL, ADJUSTMENTS TO BASE			(30)	10,823
2000 Base			2,032	290,959
Program Changes			(21)	(337)
TOTAL REQUIREMENTS			2,011	290,622
Recoveries from prior year obligations			0	(1,000)
2000 APPROPRIATION			2,011	289,622

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
DIRECT OBLIGATIONS								
Electronics & electrical engineering	276	\$38,509	272	\$39,815	267	\$39,115	(5)	(\$700)
Manufacturing engineering	155	19,714	153	20,151	149	19,751	(4)	(400)
Chemical science & technology	242	33,032	238	33,730	236	33,898	(2)	168
Physics	191	28,916	188	29,461	184	28,961	(4)	(500)
Materials science & engineering	362	52,393	358	53,285	353	52,685	(5)	(600)
Building & fire research	107	15,136	105	15,464	101	13,764	(4)	(1,700)
Computer science & applied math.	327	44,830	322	45,662	325	47,762	3	2,100
Technology assistance	111	17,524	109	17,801	107	18,314	(2)	513
National quality program	40	4,874	39	5,046	39	5,046	0	0
Research support activities	251	31,873	248	30,544	250	31,044	2	500
TOTAL DIRECT OBLIGATIONS	2,062	286,801	2,032	290,959	2,011	290,340	(21)	(619)
FINANCING								
Unobligated balance, start of year		(6,063)				0		
Recovery of prior year obligations		(1,000)				(1,000)		
Subtotal, financing	0	(7,063)			0	(1,000)		
TOTAL BUDGET AUTHORITY	2,062	279,738			2,011	289,340		
Transfer to Working Capital Fund		398				282		
TOTAL APPROPRIATION	2,062	280,136			2,011	289,622		

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	Permanent Positions	Amount	Permanent Positions	Amount
<u>Chemical Science and Technology</u>	238	\$33,730	+2	+1,000

An increase (+2 pos.; +\$1,000) is included to stimulate and permit U.S. industry to develop a comprehensive approach to international technical and product standards that promotes open trade by removing standards-related barriers and provides mechanisms to support U.S. exports. NIST currently leads the world in disseminating chemical measurement standards, primarily as Standard Reference Materials (SRMs). NIST will expand its portfolio of SRMs by establishing international agreements assuring mutual recognition of SRMs and analogous materials produced by other countries.

<u>Technology Assistance</u>	109	17,801	+0	+1,000
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An increase (0 pos.; +\$1,000) is included to stimulate and permit U.S. industry to develop a comprehensive approach to international technical and product standards that promotes open trade by removing standards-related barriers and provides mechanisms to support U.S. exports.

<u>Building and Fire Research</u>	105	15,464	-0	-1,200
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A decrease (0 pos.; -\$1,200) is included to reflect conclusion of a collaborative effort with Texas Tech University focusing on wind research.

<u>Computer Science and Applied Mathematics</u>	322	45,662	+8	+3,000
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An increase (+8 pos.; +\$3,000) is included to develop and disseminate standards, measurements, and testing methodologies needed to protect the information technology (IT) elements of critical national infrastructures.

<u>Research Support Activities</u>	248	30,544	+2	+500
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An increase (+2 pos.; +\$500) is included to begin development of a program for professional development of mathematics and science teachers of elementary, middle, and secondary schools.

Measurement and Standards Laboratory Research Programs Base Cut

	1,993	285,913	-33	-4,637
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A decrease (-33 pos.; -\$4,637) is included to recognize the program evolution of NIST's measurement science base to reflect changing program demands and priorities.

APPROPRIATION: Industrial Technology Services

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			377	\$325,300
Adjustments to Base:				
<u>Adjustments</u>				
Restoration of Prior Year Rescission			0	6,000
Non-recurring item - Y2K				(21,000)
<u>Financing</u>				
Unobligated balance (from FY 1999)				9,000
Recoveries from prior year obligations				3,800
<u>Other Changes</u>				
1999 Pay raise		\$251		
2000 Pay raise		941		
Payment to the Working Capital Fund		14		
Within-grade step increases		277		
Civil Service Retirement System(CSRS)		(61)		
Federal Employees' Retirement System(FERS)		76		
Thrift Savings Plan		14		
Federal Insurance Contributions Act (FICA) -OASDI		43		
Health insurance		60		
Employees' Compensation Fund		(50)		
Travel		18		
Federal Telecommunication System		4		
Postage		8		
Printing and reproduction		8		
Other services:				
Working Capital Fund		612		
Other services		208		
General Pricing Level Adjustment		103		
Subtotal, other cost changes			0	2,526
Less Amount Absorbed			0	(680)
TOTAL, ADJUSTMENTS TO BASE			0	(354)
2000 Base			377	324,946
Program Changes			2	26,390
TOTAL REQUIREMENTS			379	351,336
Unobligated balance				(9,000)
Recoveries from prior year obligations				(3,800)
2000 APPROPRIATION			379	338,536

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
DIRECT OBLIGATIONS								
Advanced Technology Program	270	\$230,579	270	\$217,000	270	\$251,500	0	\$34,500
Manufacturing Extension Partnership	107	128,129	107	107,946	109	99,836	2	(8,110)
TOTAL DIRECT OBLIGATIONS	377	358,708	377	324,946	379	351,336	2	26,390
FINANCING								
Unobligated balance, start of year		(33,408)		(9,000)		(9,000)		
Recovery of prior obligations		(9,000)		(3,800)		(3,800)		
Unobligated balance, end of year		9,000						
Subtotal, financing	0	(33,408)	0	(12,800)	0	(12,800)		
TOTAL BUDGET AUTHORITY	377	325,300	377	312,146	379	338,536		
Less Budget Authority Y2K		(21,000)						
Transfer to Working Capital Fund		0						
TOTAL, APPROPRIATION	377	304,300	377	312,146	379	338,536		

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	Permanent Positions	Amount	Permanent Positions	Amount
<u>Advanced Technology Program</u>	270	\$217,000	+0	+34,500

An increase (+0 pos.; +\$34,500) will permit the continued expansion of the ATP and will fund \$73 million in new awards in FY 2000. This increase addresses a principal goal of the Department of Commerce and the Administration: to stimulate U.S. economic growth by developing high-risk and enabling technologies through industry-driven cost-shared partnerships. In FY 2000, the ATP will continue its use of a new competition structure begun in FY 1999 that combines the best features of both the general competitions and the focused program competitions. The FY 2000 competition will be open to all areas of technology, and project proposals will be evaluated and ranked in competition with others in the same technology area.

<u>Manufacturing Extension Partnership</u>	107	107,946	+2	-8,110
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An increase (2 pos.; +\$1,000) is included to gather, promote and cost-effectively deploy to all NIST-MEP manufacturing extension centers the highest priority best practices in areas such as employee development and service delivery, so that the quality and effectiveness of center services is enhanced and new services are quickly introduced to help small businesses achieve and maintain competitiveness in the global marketplace.

This one-time decrease (0 pos.; -\$9,110) reflects the maturation of the nationwide center network. Although the number of centers is not expected to change, the Federal share of operating costs will decrease. The Administration believes that continued financial support for the centers is required to maintain their focus on the Nation's 382,000 small- and medium-sized manufacturers. However, continued funding will be provided at no more than one-third of the centers total annual operating costs.

APPROPRIATION: Construction of Research Facilities

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			32	\$56,714
Adjustments to Base				
Other Changes				
1999 Pay raise		\$16		
2000 Pay raise		58		
Within-grade step increases		17		
Civil Service Retirement System(CSRS)		(4)		
Federal Employees' Retirement System(FERS)		5		
Thrift Savings Plan		1		
Federal Insurance Contributions Act (FICA) -OASDI		3		
Health insurance		4		
Employees' Compensation Fund		0		
Travel		1		
Other services:				
Contracts / Other services		189		
General Pricing Level Adjustment		14		
Subtotal, other cost changes			0	304
Less Amount Absorbed			0	(220)
TOTAL, ADJUSTMENTS TO BASE			0	84
2000 Base			32	56,798
Program Changes			0	50,000
2000 APPROPRIATION			32	106,798

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Construction & Major Renovations	32	\$139,010	32	\$56,798	32	\$106,798	0	\$50,000
TOTAL DIRECT OBLIGATIONS	32	139,010	32	56,798	32	106,798	0	50,000
FINANCING								
Unobligated balance, start of year		(82,296)						0
Unobligated balance, end of year								
Subtotal, financing	0	(82,296)			0	0		
TOTAL BUDGET AUTHORITY	32	56,714			32	106,798		
Transfer to Working Capital Fund	0	0			0	0		
TOTAL, APPROPRIATION	32	56,714			32	106,798		

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>Permanent Positions</u>	<u>Amount</u>	<u>Permanent Positions</u>	<u>Amount</u>
<u>Construction and Major Renovations</u>	12	\$40,000	0	+\$55,000

This increase (0 pos.; +\$55,000), along with the \$40 million of base funding and \$108.3 million that was appropriated over FY 1998 and FY 1999 for construction will allow NIST to award a contract for construction of the Advanced Measurement Laboratory (AML). An additional \$15 million will be needed in FY 2001 for post-construction fit-up, relocation, and communications costs related to occupying the building. The total AML project cost is \$218.3 million and will take 44 months to complete. This facility will provide NIST with the temperature, humidity, vibration and air cleanliness controls required to perform cutting-edge research in the 21st century.

<u>Modifications and Improvements</u>	20	16,798	0	-5,000
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This decrease (0 pos.; -\$5,000) provides a sufficient level of funding to address the highest priority safety, capacity, maintenance, and major repair projects in FY 2000. While a significant backlog of projects remains, this reduction is proposed to partially offset the cost of AML construction.

APPROPRIATION: Working Capital Fund

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Direct Obligations	0	\$398	0	\$0	0	\$282	0	\$282
Reimbursable Obligations	691	105,708	691	103,126	691	103,126	0	0
TOTAL OBLIGATIONS	691	106,106	691	103,126	691	103,408	0	282
FINANCING								
Unobligated balance, start of year		(32,497)				(32,497)		
Unobligated balance, end of year		32,497				32,497		
Offsetting collections from:								
Federal funds		(68,473)				(65,343)		
Non-Federal sources		(37,235)				(37,783)		
Subtotal, financing	0	(105,708)			0	(103,126)		
TOTAL BUDGET AUTHORITY	691	398			691	282		
TRANSFERS								
From STRS		(398)				(282)		
From ITS		0				0		
TOTAL, APPROPRIATION	691	0			691	0		